

EXHIBIT A

Curriculum Vitae

Name: Robert Michael Liskay, Ph.D.

Born: April 16, 1948

Education: B.S., Biological Sciences, University of California, Irvine, 1966-1970

Ph.D., Genetics, University of Washington, Seattle, 1970-1974

Advisor: Stanley M. Gartler

Career:

Postdoctoral Associate: Department of Molecular, Cellular, and Developmental Biology,
University of Colorado, Boulder, 1974-1978. Advisor: David M. Prescott

Research Associate: Research Associate, Department of Molecular, Cellular, and
Developmental Biology, University of Colorado, Boulder, 1978-1980

Faculty Positions: Assistant Professor (1980-1984), Therapeutic Radiology and Human
Genetics, Yale University School of Medicine

Associate Professor 1984-1987, Yale

Associate Professor, without term, (1987-1991), Yale

Professor, (1991-1993), Yale

Professor, (1993 - present) Molecular and Medical Genetics, Oregon Health
Sciences University, Portland, Oregon

Professional Honors: Damon Runyan-Walter Winchell Postdoctoral Fellowship
Recipient, 1975-1977, Swedberg Cancer Research Award, 1982-1983, Leukemia
Society of America Scholar Award, (July 1984 - June 1989)

Other Professional Activities:

Organizer of FASEB Summer Research Conference on
"Recombination and Genome Rearrangements", July, 1986.

NSF Eukaryotic Genetics Study Panel, 1986-1989, Ad Hoc on NIH Mammalian
Genetics Study Section, 1994

Teaching: Seminar Course for graduate students, Human Genetics, Yale 1983, 1985, 1987, 1990. Director of Graduate Studies, Human Genetics, Yale 1989-1990. Graduate student seminar, Yale 1991. Lecturer in Con562 Graduate Course, OHSU, 1994

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Original Articles:

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Strand, M., Prolla, T.A., **Liskay, R.M.** and Petes, T.D. Destabilization of tracts of simple repetitive DNA by mutations affecting mismatch repair. Nature 365: 274-276 (1993).

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Hoekstra, M.F., **Liskay, R.M.**, Ou, A.C., DeMaggio, A.J., Burbee, D.G. and Heffron, F. HRR25, a putative protein kinase from budding yeast: association with repair of damaged DNA. *Science*, 253:1031-1034 (1991).

Bollag, R.J. and **Liskay, R.M.** Direct repeat analysis of chromatid interactions during intrachromosomal recombination in mouse cells. *Mol. Cell. Biol.*, 11:4839-4845 (1991).

Tsujimura, T., Maher, V.M., Godwin, A., **Liskay, R.M.** and McCormick, J.J. Frequency of intrachromosomal homologous recombination induced by UV radiation in normally-repairing and excision repair-deficient human cells. *Proc. Natl. Acad. Sci., U.S.A.*, 87:1566-1570 (1990).

Stachelek, J.L. and **Liskay, R.M.** Accuracy in intrachromosomal gene conversion in mouse cells. *Nucl. Acid. Res.* 16:4069-4076 (1988).

Waldman, A.S. and **Liskay, R.M.** Dependence of intrachromosomal recombination in mammalian cells on uninterrupted homology. *Mol. Cell. Biol.* 8:5350-5357 (1988).

Waldman, A.S. and **Liskay, R.M.** Resolution of synthetic Holliday structures by an extract of human cells. *Nucl. Acid. Res.* 16:10249-10266 (1988).

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Liskay, R.M., Stachelek, J.L. and Letsou, A., Homology requirement for efficient gene conversion between duplicated chromosomal sequences in mammalian cells. *Genetics*, 115: 161-167 (1987).

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Liskay, R.M. and Stachelek, J.L. Evidence for intrachromosomal gene conversion in cultured mouse cells. *Cell* 35: 157-165 (1983).

Shapira, G., Stachelek, J.L., Letsou, A., Soodak, L.K. and **Liskay, R.M.** Novel use of synthetic oligonucleotide insertion mutants for the study of homologous recombination in mammalian cells. *Proc. Natl. Acad. Sci., U.S.A.* 80: 4827-4831 (1983).

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Chapman, M.E, Kratzer, P.G., Siracusa, L.D., Quarantillo, B.A., Evans, R. and **Liskay, R.M.** Evidence for DNA modification in the maintenance of inactivation of adult mouse tissues. *Proc. Natl. Acad. Sci., U.S.A.* 79:5357-5361 (1982).

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Liskay, R.M. A mammalian somatic "cell cycle" mutant defective in G1. *J Cell Physiol.* 84: 49-55 (1974).

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Invited Reviews:

Bollag, R.J., Waldman, A.S. and **Liskay, R.M.** Homologous recombination in mammalian cells. Annual Review of Genetics, 23: 199-225 (1989).